

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

1. - 42. (cancelled)

43. (new) A lower extremity prosthesis comprising:

a resilient foot;

a resilient leg portion attached to the foot;

wherein the resilient leg portion includes a plurality of elongated, upwardly extending resilient members which are anterior facing convexly curved at their lower ends and which store energy during force loading of the prosthesis and return energy during force unloading to increase the kinetic power generated for propulsive force by the prosthesis.

44. (new) The prosthesis of claim 43, wherein the resilient members of the leg portion are fastened together at their upper and lower ends.

45. (new) The prosthesis of claim 44, wherein the resilient member of the leg portion are spaced apart in the sagittal plane intermediate their upper and lower ends.

46. (new) The prosthesis of claim 43, wherein one of the resilient members is a shank and another of said resilient members is a spring fastened at the upper and lower ends of the spring to the shank.

47. (new) The prosthesis of claim 43, wherein the leg portion is attached to the foot by way of coupling means and at least one fastener.

48. (new) The prosthesis of claim 43, wherein the coupling means includes a stop to limit dorsiflexion of the resilient leg portion.

49. (new) The prosthesis of claim 43, further comprising an adapter connected to a proximal end of the leg portion for securing the prosthesis to a socket on the lower limb of a person for use.

50. (new) The prosthesis of claim 43, wherein the prosthesis has a dorsiflexion moment which is an order of magnitude greater than a plantarflexion moment of the prosthesis.

51. (new) The prosthesis of claim 50, wherein the ratio of the dorsiflexion moment of the prosthesis to the plantarflexion moment of the prosthesis is on the order of 11:1.

52. (new) The prosthesis of claim 43, wherein the resilient members of the leg portion are spaced apart in the sagittal plane intermediate their upper and lower ends.